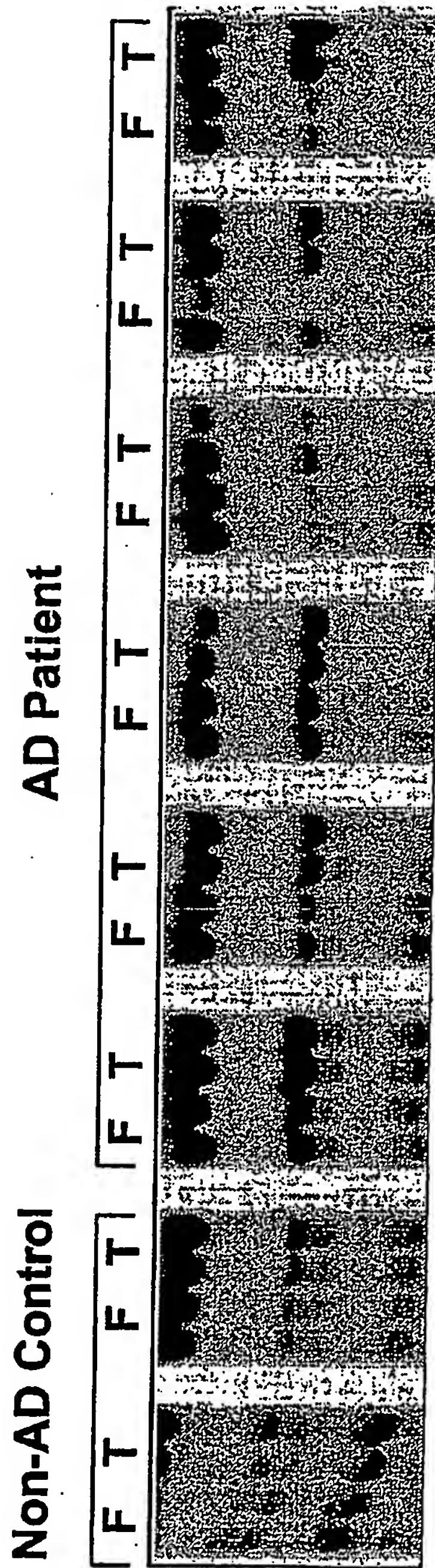


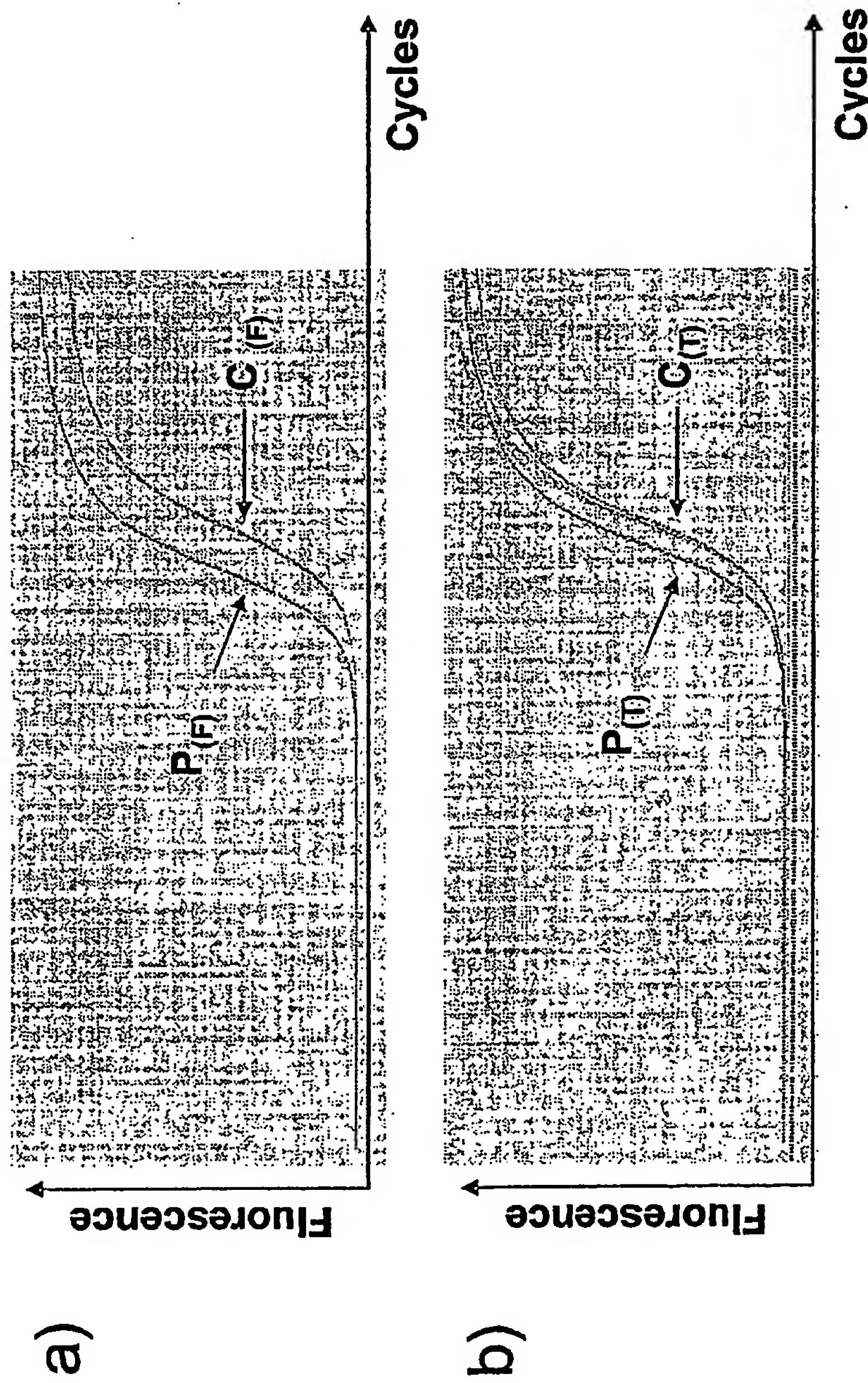
Fig. 1: Identification of differentially expressed genes in a fluorescence differential display screen

-1/12-



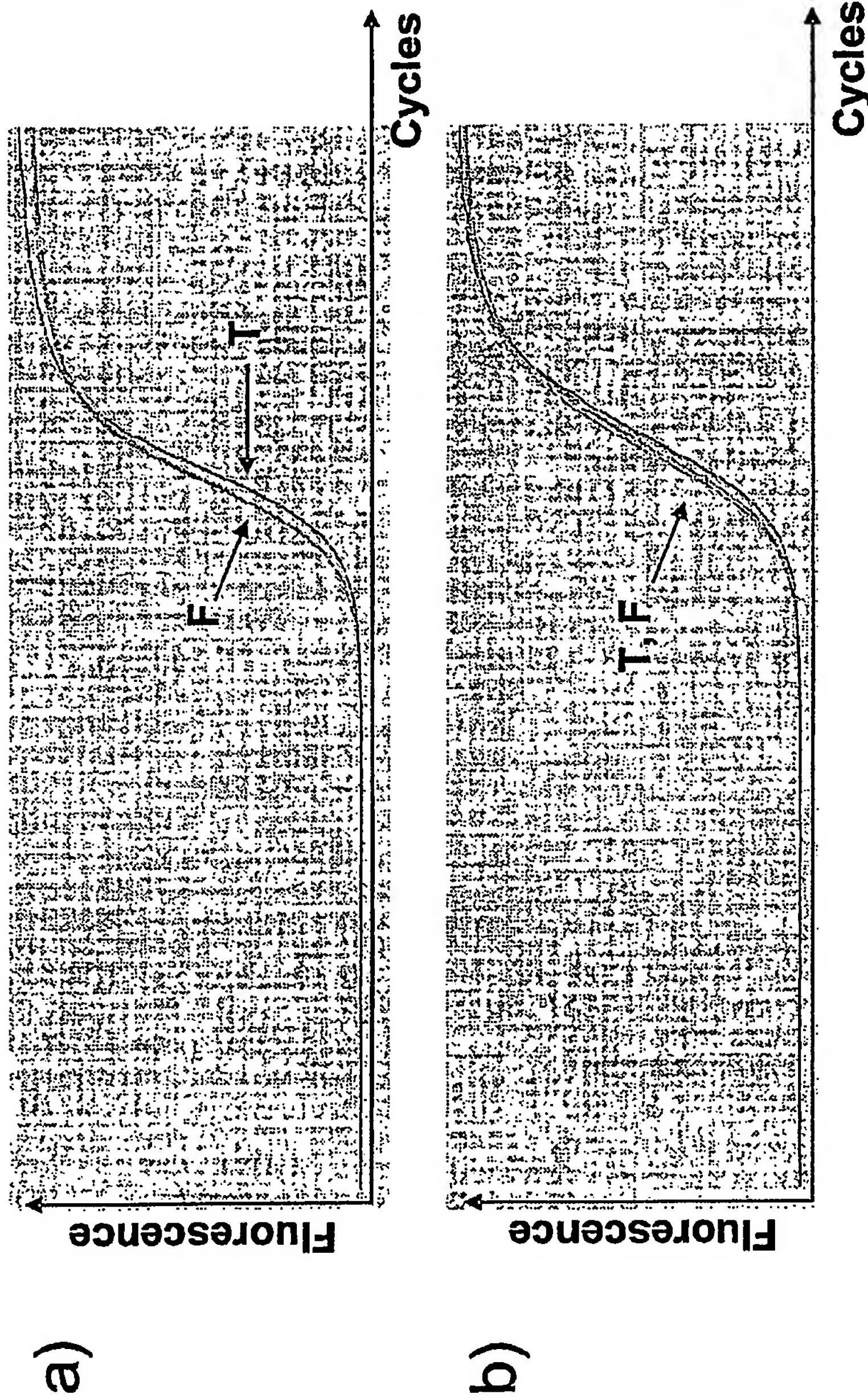
-2/12-

Fig. 2: Verification of differential expression of KCNE4 by quantitative PCR



-3/12-

Fig. 3: Verification of differential expression of KCNE4 by quantitative PCR



-4/12-

Fig. 4 : SEQ ID NO. 1:
amino acid sequence of
human KCNE4 protein

Length: 170 aa

```
1  MLKMEPLNST HPGTAASSSP LESRAAGGGS GNGNEYFYIL VVMSFYGIFL
51  IGIMLGYMKS KRREKKSSLL LLYKDEERLW GEAMKPLPVV SGLRSVQVPL
101 MLNMLQESVA PALSCTLCSM EGDSVSSESS SPDVHLTIQE EGADEELEET
151 SETPLNESSE GSSENHQNS
```

-5/12-

Fig. 5: SEQ ID NO. 2:
nucleotide sequence of
human KCNE4 cDNA

Length: 1204 bp

```
1 AGCAGAAGAA CCCTCTTGG A CTGGACGATT TGGGAATTCA AAACTTGGGA
51 CAAACTGTCA GCCTTGCCCC TGCTGTGGAG GCAGCCTCAA TGCTGAAAAT
101 GGAGCCTCTG AACAGCACGC ACCCCGGCAC CGCCGCCTCC AGCAGCCCCC
151 TGGAGTCCCG TGCGGCCGGT GGCAGGCAGCG GCAATGGCAA CGAGTACTTC
201 TACATTCTGG TTGTATGTC CTTCTACGGC ATTTTCTTGA TCGGAATCAT
251 GCTGGGCTAC ATGAAATCCA AGAGGGCGGGA GAAGAAGTCC AGCCTCCTGC
301 TGCTGTACAA AGACGAGGGAG CGGCTCTGGG GGGAGGCCAT GAAGCCGCTG
351 CCCGTGGTGT CGGGCCTGAG GTCGGTGCAG GTGCCCTGA TGCTGAACAT
401 GCTGCAGGAG AGCGTGGCGC CCGCGCTGTC CTGCACCCCTC TGTTCCATGG
451 AAGGGGACAG CGTGAGCTCC GAGTCCTCCT CCCCGGACGT GCACCTCACC
501 ATTCAAGGAGG AGGGGGCAGA CGAGGAGCTG GAGGAGACCT CGGAGACGCC
551 CCTCAACGAG AGCAGCGAAG GGTCTCGGA GAACATCCAT CAGAATTCCCT
601 AGCACCCCCG GGACCCCTGC GGGTGGCTCC ATCAGCCAGC AACCTTAGAG
651 AGAGGAAAGA CAGTTTCAA GTGTCTGGTT TCACTTCAC AGTGCAGGCTG
701 CCACTTGAA GAGACCCTTG GTAAACCCCT GATTGGGGT GGGGTGGGGG
751 ACTAGGCTCA GCCGGAACCA GCACCTCCAA GGAGTCCGGG AGGTGCCTGT
801 GGTTTGCACC CACCACTGAA AAAGCCGGG AGATGCGCAG CGCGTACACT
851 GACTTTGGGG CCTGGGTGTT GGGGTTCTGA TCAGAATTG GCGGGATGAT
901 ATGCTTGCCA TTTTCTCACT GGATGCCCTG GGTAGCTCCT GCAGGGTCTG
951 CCTGTTCCA GGGCTGCCGA ATGCTTAGGA CACGCTGAGA GACTAGTTGT
1001 GATTTGCTAT TTTGCCTAGA GCTTTGTCCT TCTAGATCTG ATTGGCTGTA
1051 AGTATCTCTA CTGTGTACCT GTGGCATTCC TTCACAGTGG GTTACAAGCT
1101 TCTTTGGAT TAGAGGGGAA TTTTGATGG GAGAAAGCTG GAGATCTGAA
1151 CCCAGCCCAT TTGCACACTA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA
1201 AAAA
```

-6/12-

Fig. 6: SEQ ID NO. 3

Length: 193 bp

```
1 TAGTGTGCAA ATGGGCTGGG TTCAGATCTC CAGCTTCCTC CCATCAAAAAA
51 TCCCCCTCTA ATCCAAAAGA AGCTTGTAAC CCACTGTGAA GGAATGCCAC
101 AGGTACACAG TAGAGATACT TACAGCCAAT CAGATCTAGA AGGACAAAGC
151 TCTAGGCAGA ATAGCAAATC ACAACTAGTC TCTCAGCGTC ACC
```

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Fig. 7: SEQ ID NO. 4:
nucleotide sequence of
human KCNE4 coding sequence

Length: 513 bp

```
1 ATGCTGAAAA TGGAGCCTCT GAACAGCACG CACCCCGGCA CCGCCGCCTC
51 CAGCAGCCCC CTGGAGTCCC GTGCGGCCGG TGGCGGCAGC GGCAATGGCA
101 ACGAGTACTT CTACATTCTG GTTGTATGT CCTTCTACGG CATTTCCTTG
151 ATCGGAATCA TGCTGGGCTA CATGAAATCC AAGAGGCCGG AGAAGAAGTC
201 CAGCCTCCTG CTGCTGTACA AAGACGAGGA GCGGCTCTGG GGGGAGGCCA
251 TGAAGCCGCT GCCCGTGGTG TCGGGCCTGA GGTGGTGCA GGTGCCCTG
301 ATGCTGAACA TGCTGCAGGA GAGCGTGGCG CCCGCGCTGT CCTGCACCCCT
351 CTGTTCCATG GAAGGGGACA GCGTGAGCTC CGAGTCCTCC TCCCCGGACG
401 TGCACCTCAC CATTCAAGGAG GAGGGGGCAG ACGAGGAGCT GGAGGAGACC
451 TCGGAGACGC CCCTCAACGA GAGCAGCGAA GGGTCCTCGG AGAACATCCA
501 TCAGAATTCC TAG
```

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**Fig. 8: Alignment of SEQ ID NO. 2
with SEQ ID NO. 3**

Length: 193 bp

193	GGTGACGCTGAGAGACTAGTTGTGATTTGCTATTTGCCTAGAGCTTGT	144
978	GGACACGCTGAGAGACTAGTTGTGATTTGCTATTTGCCTAGAGCTTGT	1027
143	CCTTCTAGATCTGATTGGCTGTAAGTATCTCTACTGTGTACCTGTGGCAT	94
1028	CCTTCTAGATCTGATTGGCTGTAAGTATCTCTACTGTGTACCTGTGGCAT	1077
93	TCCTTCACAGTGGGTTACAAGCTCTTTGGATTAGAGGGGGATTTTGA	44
1078	TCCTTCACAGTGGGTTACAAGCTCTTTGGATTAGAGGGGGATTTTGA	1127
43	TGGGAGAAAGCTGGAGATCTGAACCCAGCCCATTGCACACTA	1
1128	TGGGAGAAAGCTGGAGATCTGAACCCAGCCCATTGCACACTA	1170

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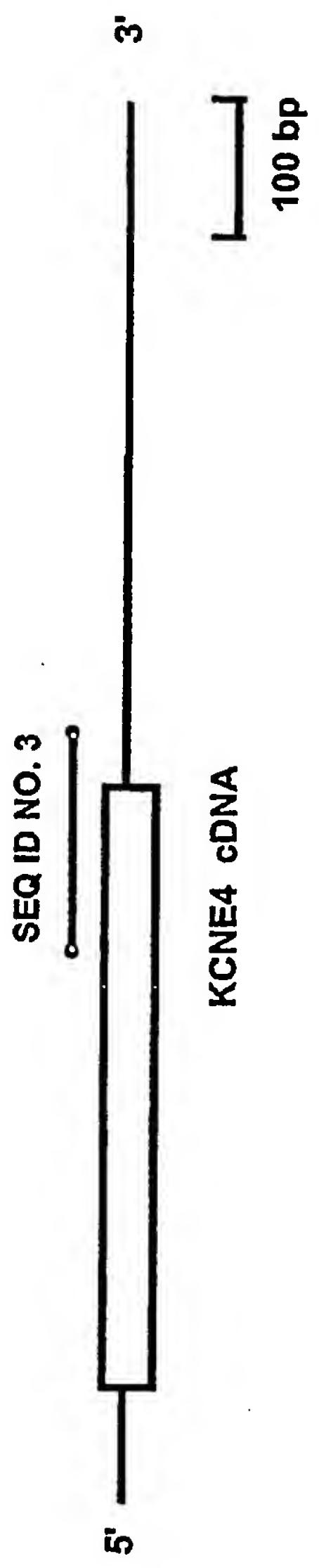
**Fig. 9 : Alignment of KCNE4 RT-PCR
primers with human KCNE4 cDNA,
SEQ ID NO. 2**

1 GGTTTGCACCCACCACTGA 19
|||||||
801 GGTTTGCACCCACCACTGA 819

19 TCAGAATTGGCGGGATGA 1
|||||||
881 TCAGAATTGGCGGGATGA 899

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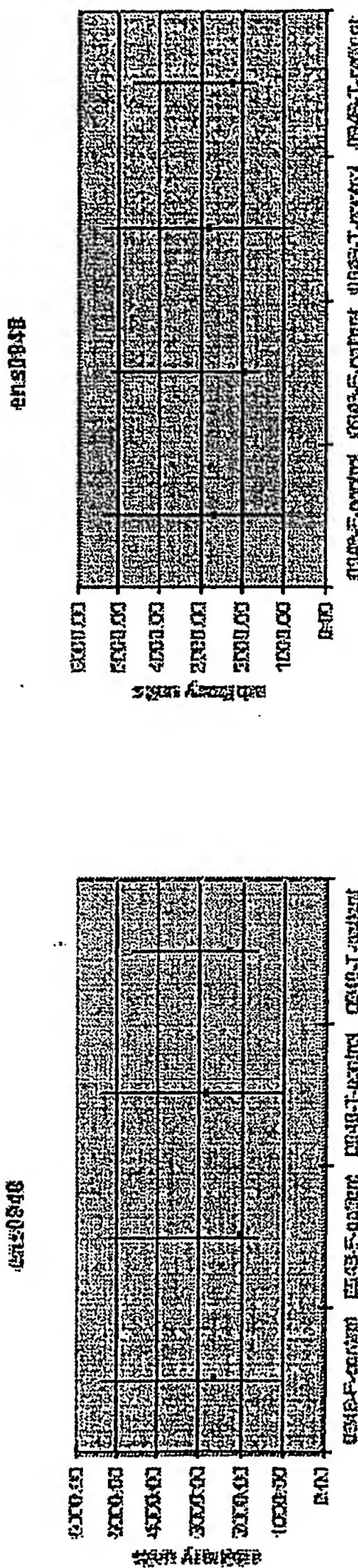
Fig. 10 : Schematic alignment of SEQ ID NO. 3 with human KCNE4 cDNA, SEQ ID NO. 2



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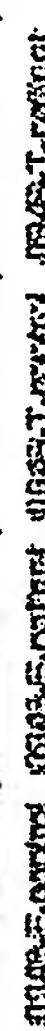
Fig. 1.1 : Analysis of absolute mRNA expression of KCNE4

Comparison of Break 0-3 with 4-8



Companies of Section 0.2 with Break 2-6

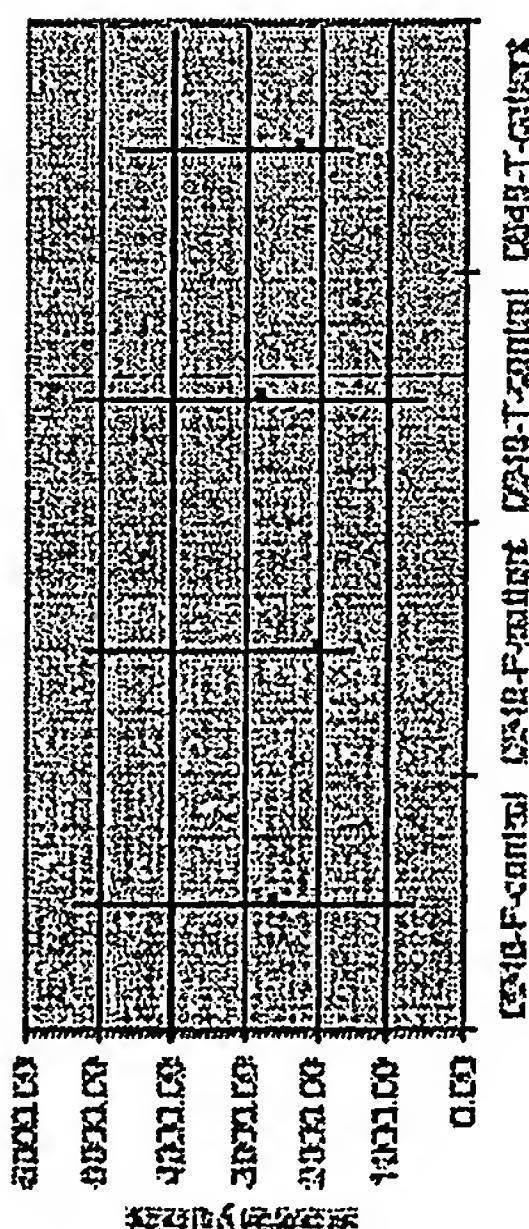
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CONTINUATION OF CHAPTER 01 WHICH 2-8

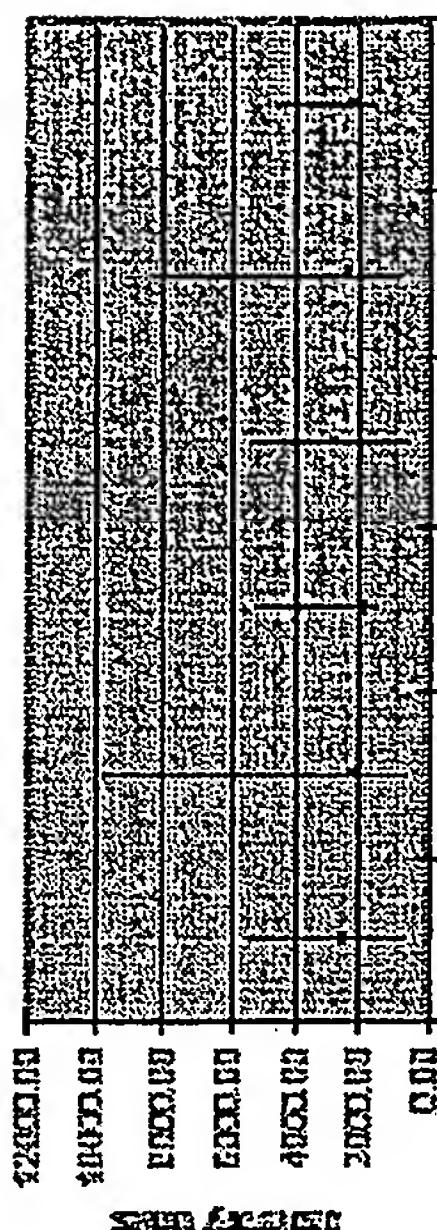
CONTINUATION OF BRIEF ON THE SUBJECT OF THE 4-8.

四庫全書



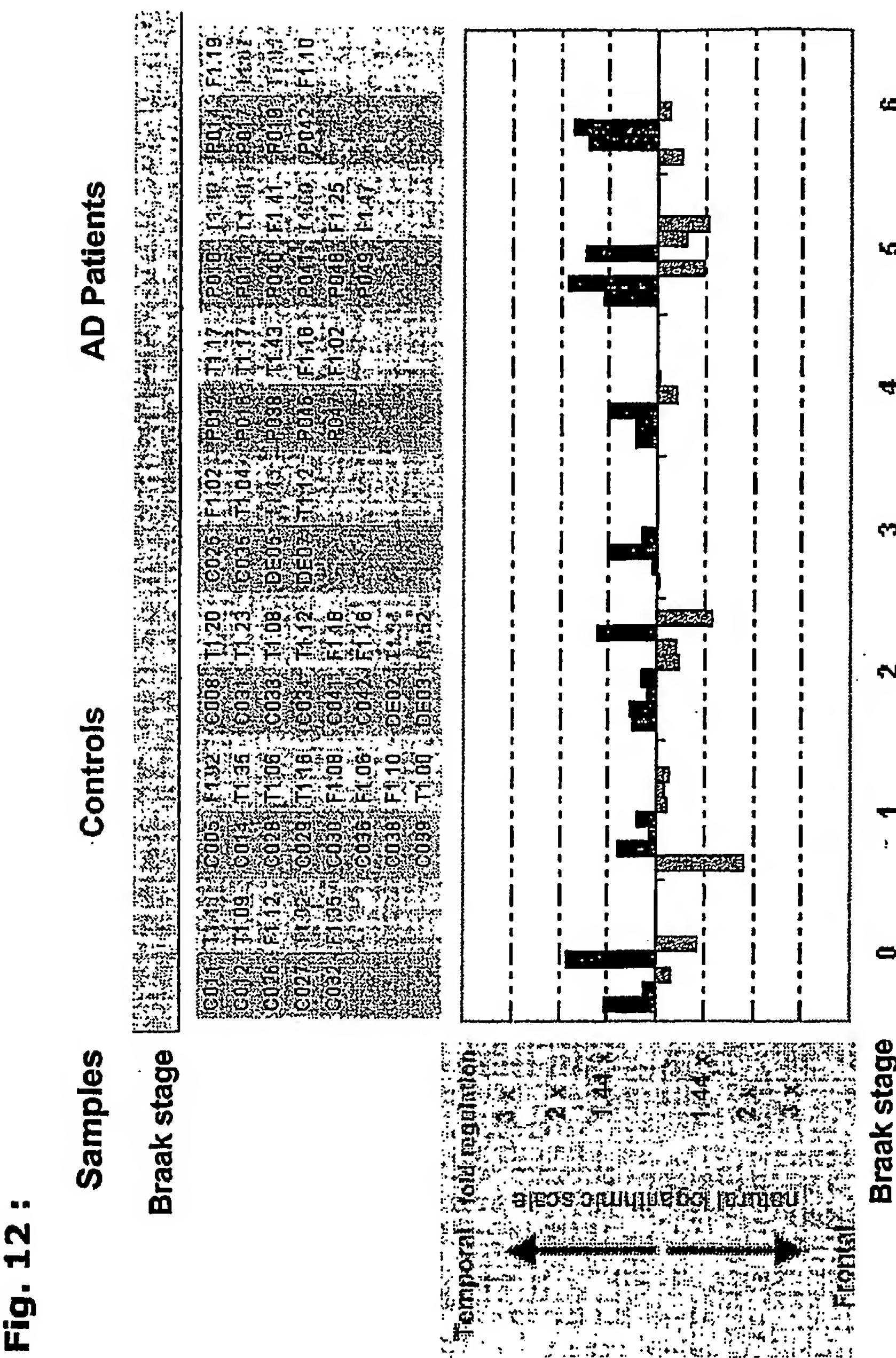
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卷之三



“我就是想說，你這個人，真不是個好東西。”

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